

☐ Generate Collection

L11: Entry 3 of 5

File: JPAB

Dec 2, 1997

DOCUMENT-IDENTIFIER: JP 09311187 A
TITLE: NUCLEAR MEDICAL IMAGE DIAGNOSTIC DEVICE

Abstract Text (2):

SOLUTION: As a collimator 13, a radiation shielding material such as lead is used, a plurality of holes 13b are vertically provided on its incident surface 13a of the lower surface, and a semiconductor detector 15 using a semiconductor such as Si, CdTe or the like is provided on the upper surface to detect the γ -ray vertically incident on the incident surface 13a. The radiation incident position is calculated from the detected signal by a processor 17, stored in an image memory in the processor 17, and displayed on a liquid crystal display panel 11. The incident surface 13a is set to the same size as the display surface of the panel 11 to conform the radiation incident position to the display position of the panel 11. Thus, an image of an equal magnification of the distribution of a radioactive material in a subject can be displayed.